Biography

COL William E. Ehly

Click on name to view.

PEO IEW&S

COL Ehly – DPEO IEW&S

What We Are Doing

- Sustaining Today's Force at Reduced Cost
- Modernizing Current Force Structure
- Planning for the Future Now
  - S&T Integration
- Focusing on the Army's Transformation Objectives
  - Stryker Brigade Combat Teams (SBCT)
  - Future Combat System (FCS)/Objective Force
- Growing and Challenging the Acquisition Workforce
- Engaging Industry

PEO IEW&S Small Business Industry Day

March 20, 2

- **Objectives:**
  - **Discuss/gain insight into Small Business/Large Business Relationship**
  - **Explore challenges/barriers to small business working with DoD**
  - **Discuss potential PEO IEW&S business opportunities**
- **Over 200 attendees representing 100 small businesses**
- **100 individual meetings between business representatives/PEO/PMs**
- **Very positive feedback – an unqualified success**

PEO IEW&S Organization

IEW&S
PROGRAM EXECUTIVE OFFICE

PM Signal Warfare

- PM Aerial Common Sensor
- PM Prophet
- PM Information Warfare

PM DCGS-A

- PM CGS & Datalinks
- PM CHIMS

PM AES

- PM IRCM
- PM RFCM

PM NV/RSTA

- PM FLIR
- PM Robotic and Unmanned Sensors
- PM Firefinder

PO JPSD

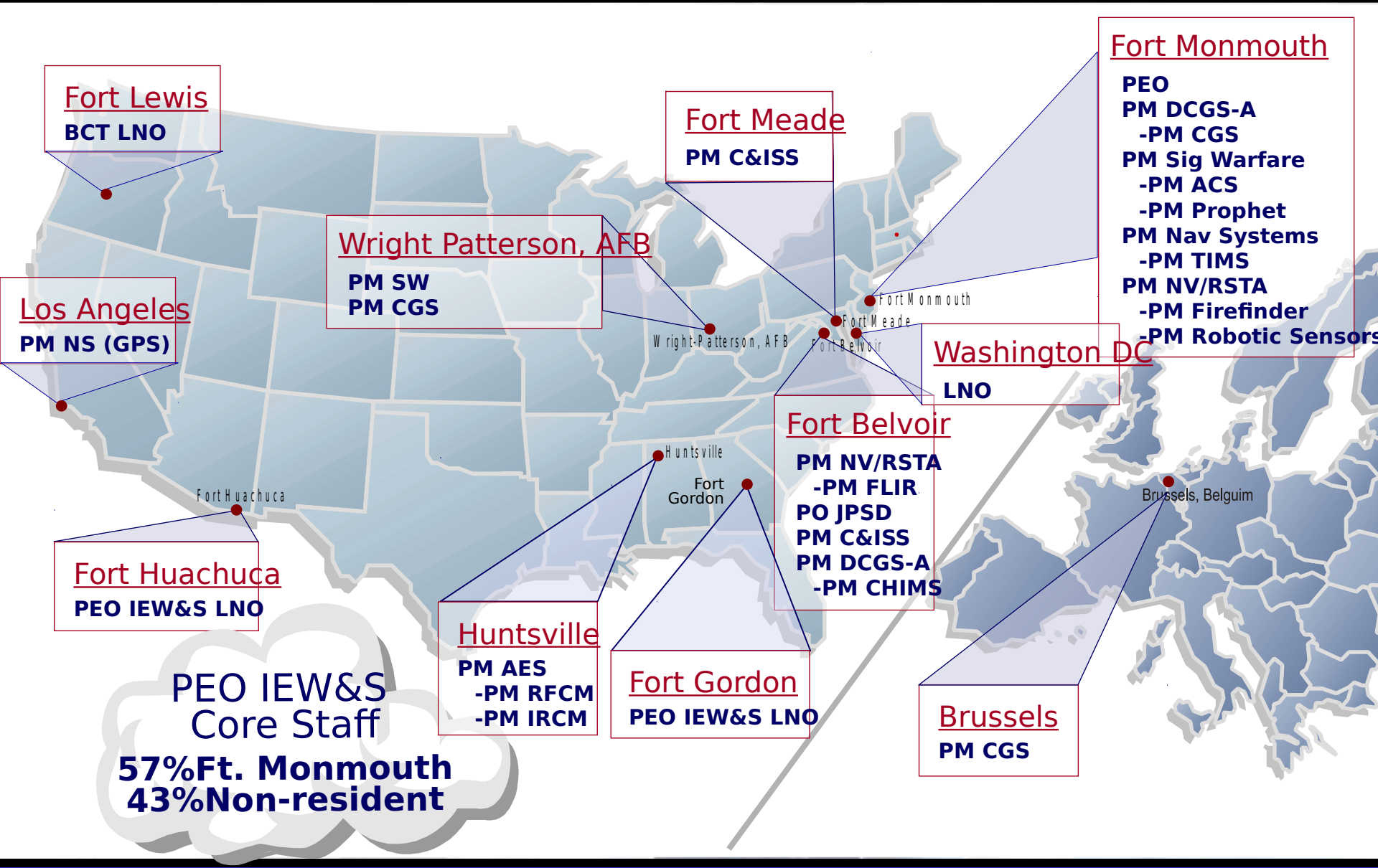
PM C&ISS

Communications & Intelligence Support Systems

PM Navigation Systems

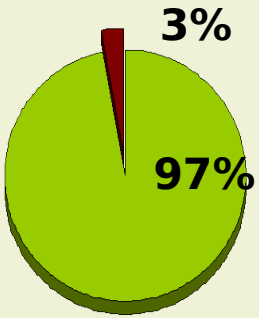
PM TIMS
PM GPS/DAGR

PEO IEW&S – Where We Are



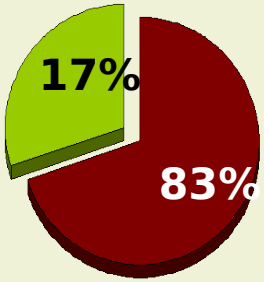
Programs and Resources

3 Years Ago



Major focus was on near-term modernization

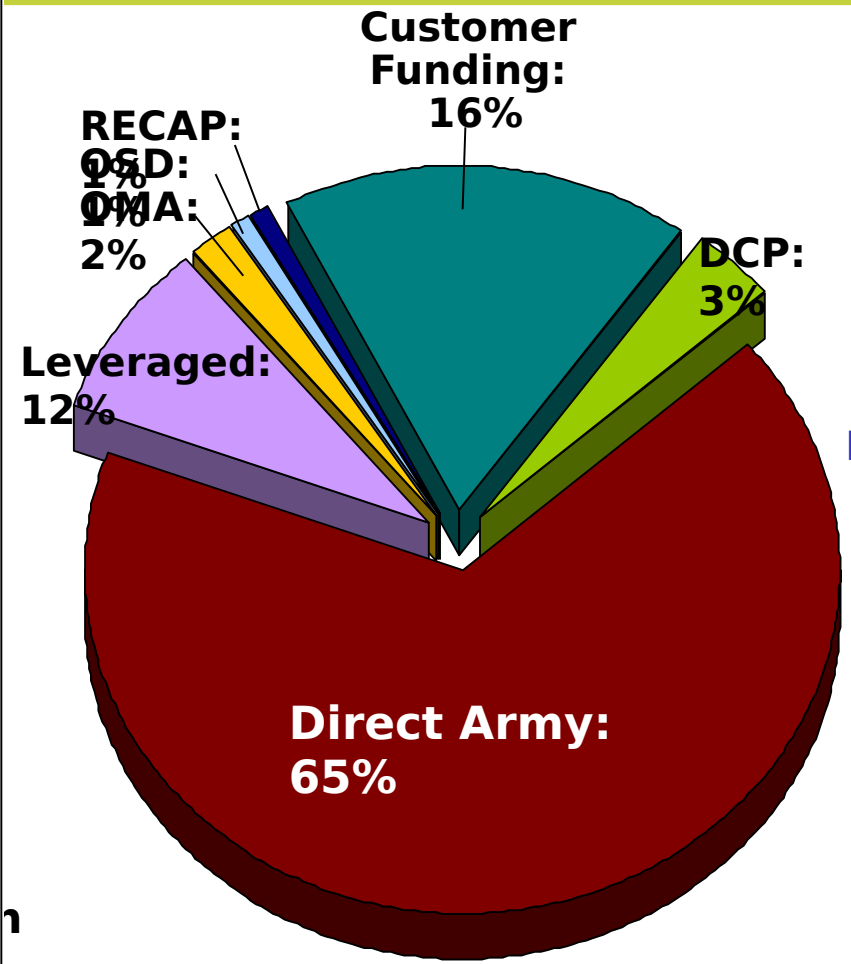
Today



Transformation

Legacy

Source of Funds FY03-09



Bottom Line: $7.4 Billion

Key Program Metrics

Programs

1	ACAT I
1	ACAT II
32	ACAT III
7	ACTDs
1	Recap

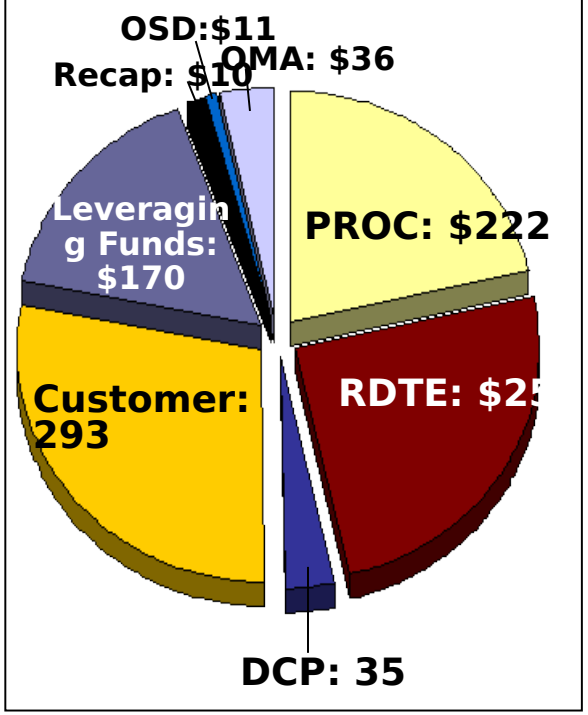
Program Phases

3	Concept & Technology Development
7	Systems Development & Demonstration
13	Production & Deployment
12	Operations & Support
7	ACTDs
NA	Classified Programs

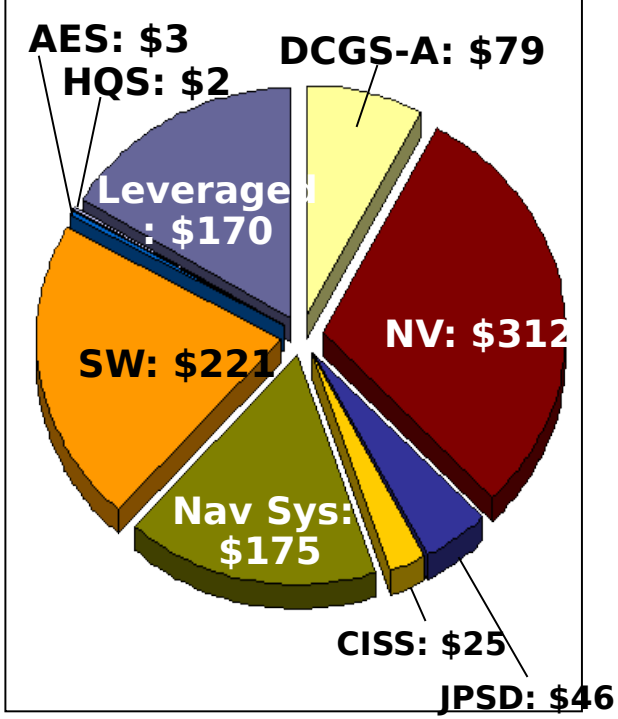
Current $$$ Profile . . .

FY03 Revenues **$1.033B**

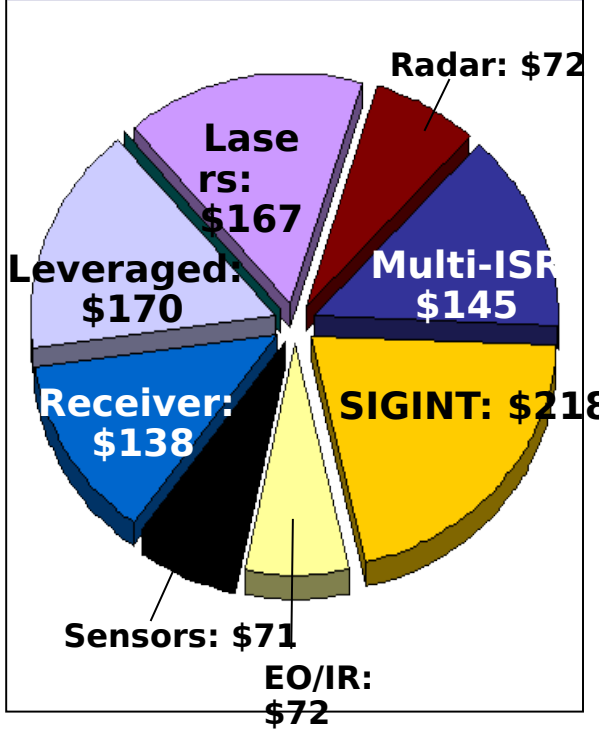
Appropriation



PM



Technology



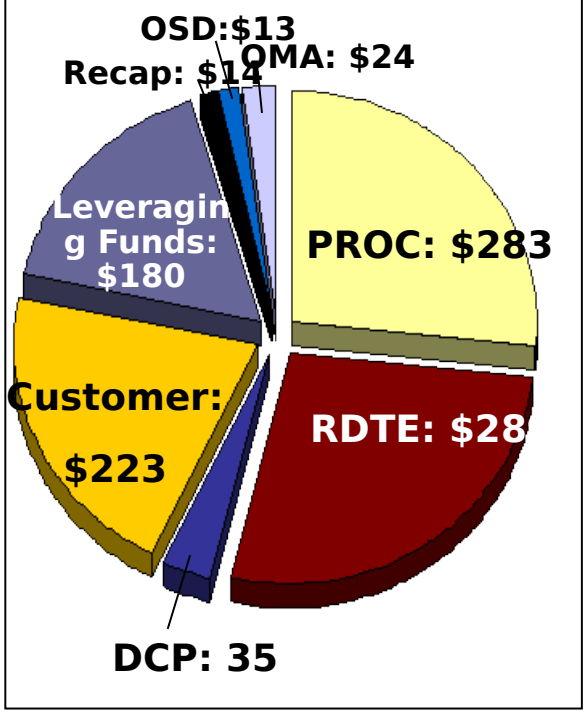
FY03-09 Revenue - $7.4B

>$416M of RDTE & Procurement Funds Go on Contract

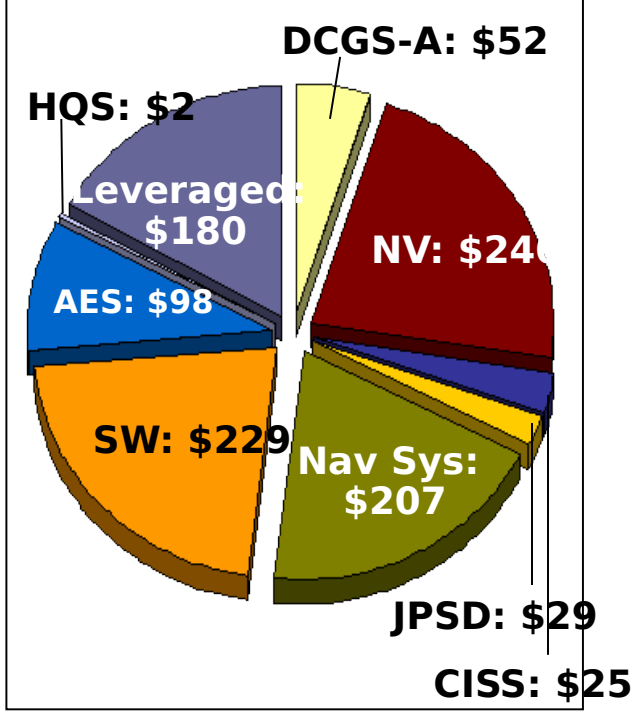
Future $$$ Profile . . .

FY04 Budget Request **$1.061B**

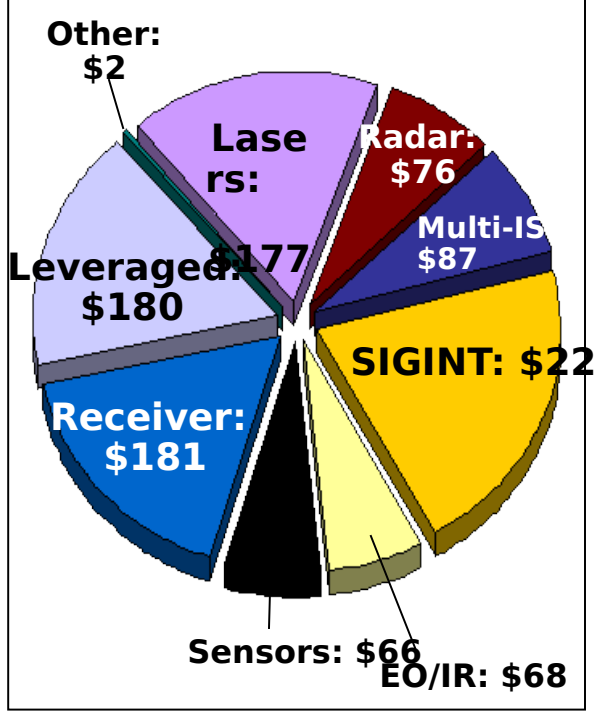
Appropriation



PM



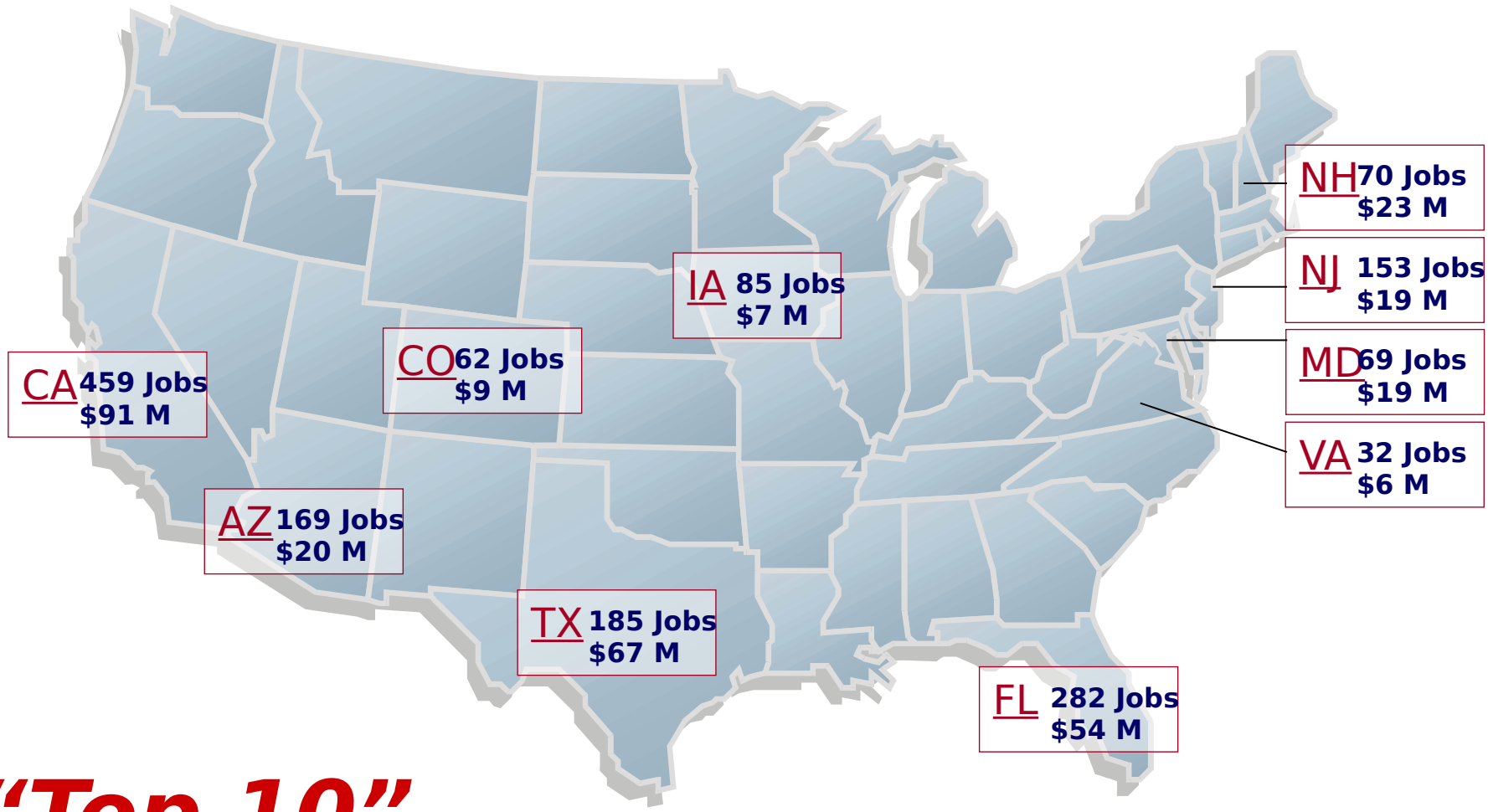
Technology



FY03-09 Revenue - $7.4B

>$498M of RDTE & Procurement Funds Go on Contract

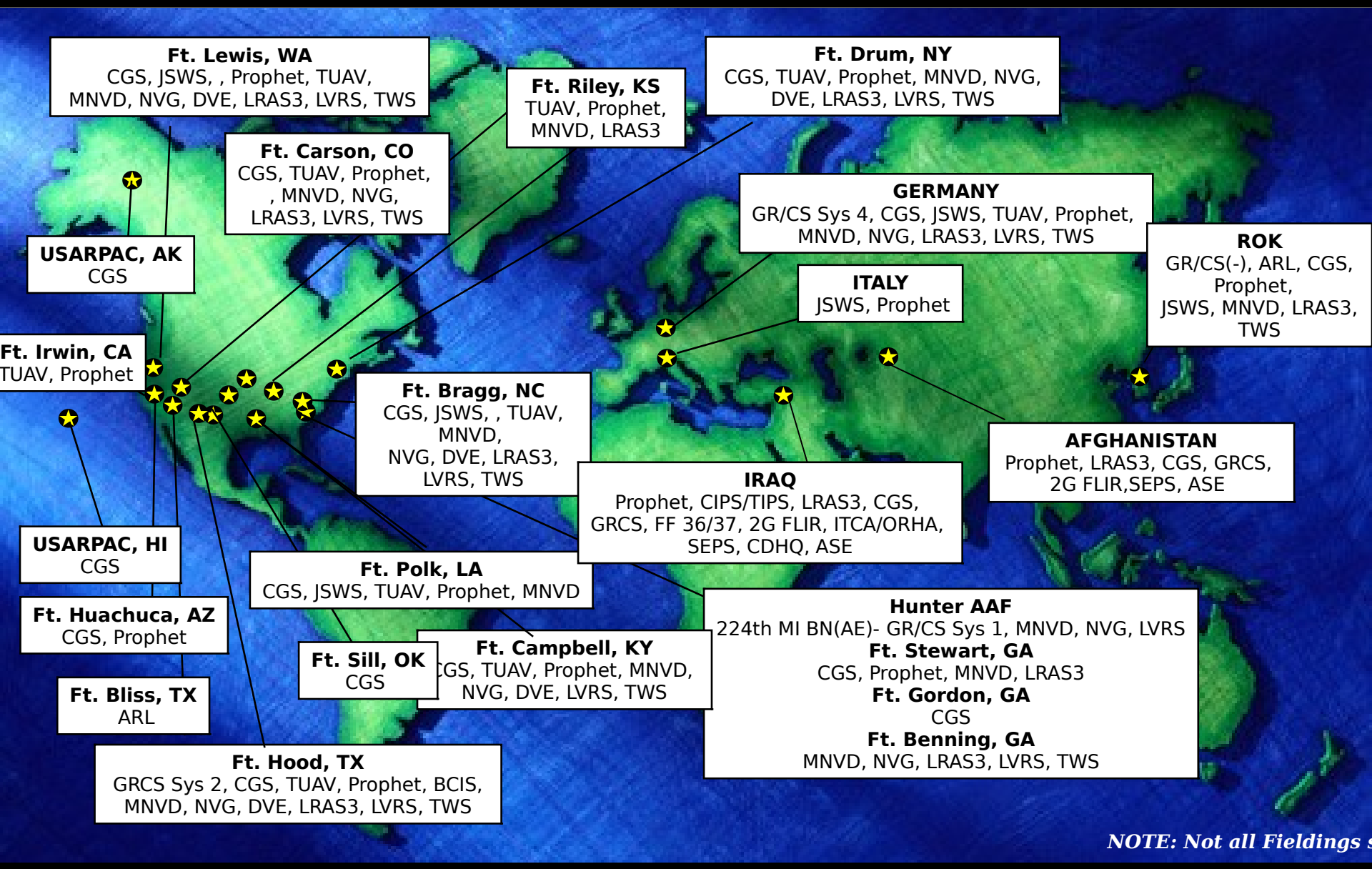
Where our $$ Go. .


NH 70 Jobs $23 M
NJ 153 Jobs $19 M
MD 69 Jobs $19 M
VA 32 Jobs $6 M
IA 85 Jobs $7 M
CO 62 Jobs $9 M
CA 459 Jobs $91 M
AZ 169 Jobs $20 M
TX 185 Jobs $67 M
FL 282 Jobs $54 M

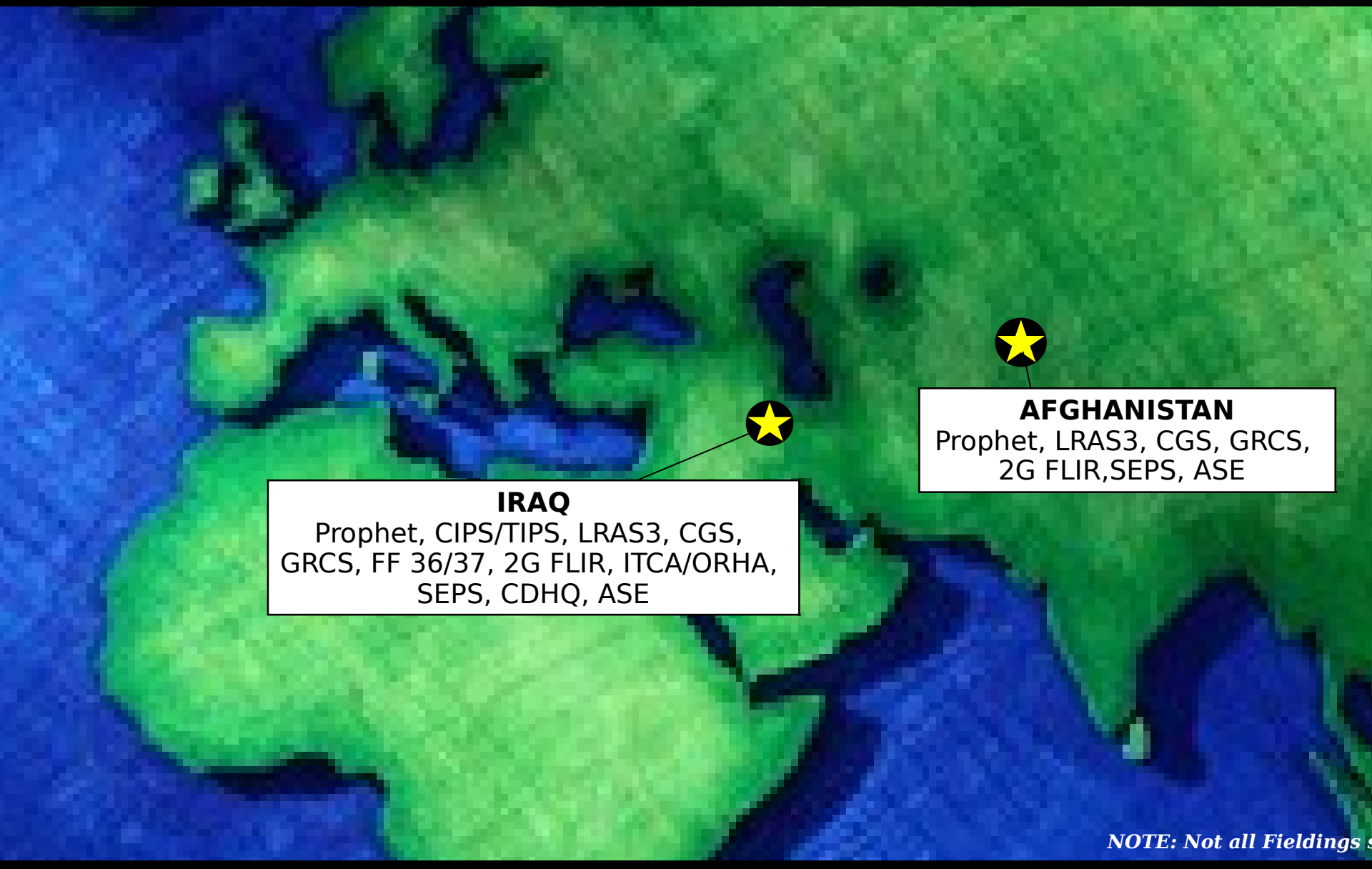
"Top 10"

FY03 PEO IEW&S Investment in Industrial Base

Return On Investment (ROI) for IEW&S

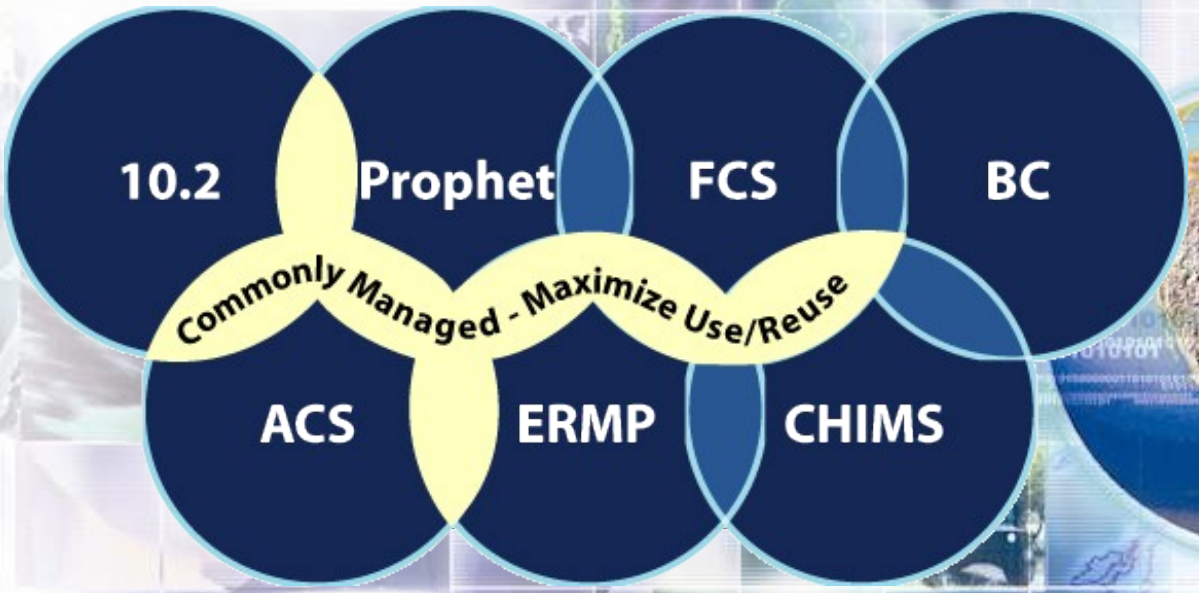

Ft. Lewis, WA
CGS, JSWS, , Prophet, TUAV, MNVD, NVG, DVE, LRAS3, LVRS, TWS
Ft. Riley, KS
TUAV, Prophet, MNVD, LRAS3
Ft. Drum, NY
CGS, TUAV, Prophet, MNVD, NVG, DVE, LRAS3, LVRS, TWS
Ft. Carson, CO
CGS, TUAV, Prophet, , MNVD, NVG, LRAS3, LVRS, TWS
GERMANY
GR/CS Sys 4, CGS, JSWS, TUAV, Prophet, MNVD, NVG, LRAS3, LVRS, TWS
USARPAC, AK
CGS
ITALY
JSWS, Prophet
ROK
GR/CS(-), ARL, CGS, Prophet, JSWS, MNVD, LRAS3, TWS
Ft. Irwin, CA
TUAV, Prophet
Ft. Bragg, NC
CGS, JSWS, , TUAV, MNVD, NVG, DVE, LRAS3, LVRS, TWS
AFGHANISTAN
Prophet, LRAS3, CGS, GRCS, 2G FLIR,SEPS, ASE
IRAQ
Prophet, CIPS/TIPS, LRAS3, CGS, GRCS, FF 36/37, 2G FLIR, ITCA/ORHA, SEPS, CDHQ, ASE
USARPAC, HI
CGS
Ft. Polk, LA
CGS, JSWS, TUAV, Prophet, MNVD
Ft. Huachuca, AZ
CGS, Prophet
Ft. Campbell, KY
CGS, TUAV, Prophet, MNVD, NVG, DVE, LVRS, TWS
Ft. Sill, OK
CGS
Hunter AAF
224th MI BN(AE)- GR/CS Sys 1, MNVD, NVG, LVRS
Ft. Stewart, GA
CGS, Prophet, MNVD, LRAS3
Ft. Gordon, GA
CGS
Ft. Benning, GA
MNVD, NVG, LRAS3, LVRS, TWS
Ft. Bliss, TX
ARL
Ft. Hood, TX
GRCS Sys 2, CGS, TUAV, Prophet, BCIS, MNVD, NVG, DVE, LRAS3, LVRS, TWS
NOTE: Not all Fieldings s

Return On Investment (ROI) for IEW&S


AFGHANISTAN
Prophet, LRAS3, CGS, GRCS, 2G FLIR,SEPS, ASE
IRAQ
Prophet, CIPS/TIPS, LRAS3, CGS, GRCS, FF 36/37, 2G FLIR, ITCA/ORHA, SEPS, CDHQ, ASE
NOTE: Not all Fieldings s

Objective Force Acquisitions

- Systems of Systems Centric
- Singular Integrated Architecture
- Interdependent Acquisition of Systems



- Optimization Of Systems of Systems – Holistic

The good of the whole outweighs the optimization of the parts.

Operation Iraqi Freedom

- Prophet
- CIPS
- LRAS3
- CGS
- SEPS
- ASE
- ITCA/ORHA
- Firefinder 36/37
- 2nd Gen FLIR
- GRCS
- CDHQ

Warfighting Enablers

- **CENTCOM Deployable HQS:**
  - **Responded to an Urgent Need, Designed, Developed and Fiel a System in use Today by General Franks.**
  - **CDHQ Occupies an Area of 250 ft by 300ft**
  - **Consists of 24 Shelters, Ancillary Equipment, and Storage Containers**
  - **Operationally Exercised (Aug 02), BIO CHEM Hardened, Secure Voice, Data & Video Multi-media "Reach-Back" to CONUS**

Transforming While Fighting

Warfighting Enablers

- 2nd Generation FLIR:
  - Interned Components used in MIA2 (Abrams), M2A2/M3A3 (Bradley), & Long-range Advanced Scout Surveillance System (LRAS3)
  - Over 1,000 Production Units Fielded

- Theater Precision Strike Operations:
  - Automated Deep Operation Coordination System (ADOCS) employed in the ***** to over 850 Workstations with over 3,000 Users
  - Primary Tool for coordinating time-sensitive targets, enables Aviation Route Planning, Personnel Recovery & Close-Air Support

Transforming While Fighting

Long Range Advanced Scout Surveillance System (LRAS3

Transforming While Fighting

Recent Accomplishments Going to War (OIF/SWA)

ong Range Advanced Scout Surveillance System (LRAS3)

SYSTEM DESCRIPTION

- LRAS3 provides long range detection and far target location at stand-off ranges that are beyond the range of enemy direct fire weapons.
- LRAS3 provides imagery for the scout to quickly detect, recognize & report targets of military interest.

FIELDING

- Quantity Fielded: 96
- Used by Armor Infantry Scouts, & USMC During OIF, Mounted and Dismounted
- Digital Interface w/FBCB2

Transforming While Fighting

PEO IEW&S

Prophet

Transforming While Fighting

Recent Accomplishments Going to War (OIF/SW

Prophet

SYSTEM DESCRIPTION

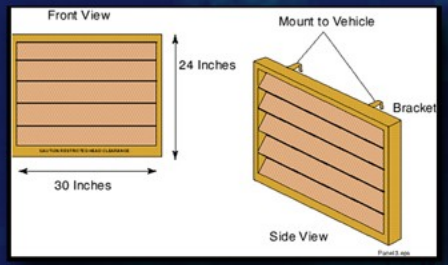
Prophet is a ground signals intelligence collection sensor with the capability for early entry, airborne insertion. Prophet Block I operates in direct support of the maneuver brigade and provides on-the-move electronic support information for near real time "signal emitter" mapping.

FIELDING

- **Quantity Fielded: 37**
- **Prophet Block II/III Contract Awarded on 07 MAR 03 – $19.9m CPIF Contract, Prime: General Dynamics Decision Systems**
- **First Unit Equipped – Scheduled for 4Q FY05**

Transforming While Fighting

Combat ID Panels (CIPS)



Transforming While Fighting

Recent Accomplishments Going to War (OIF/SWA

Combat ID Panels (CIPS)

SYSTEM DESCRIPTION

CIPS are a louvered aluminum panel covered on side with low-emissivity, high reflective, thermal tape. When viewed through FLIR sensors, the CIP shows up as a contrasting cold spot on the hot target image. This significantly enhances the image gunners see through their thermal sights.

FIELDING

- Quantity Fielded: 2,163
- Provided OIF Vehicle Commanders & Gunners with Availability to Identify Friendly Vehicles at the point of Engagement (Through the Sight).
- Bottom Line: Prevents Friendly Casualties.

Transforming While Fighting

Looking to the Future…

- UAV SAR MTI RFP
- T-UGS
- UAV Advanced EO/IR
- DCGS-A
- ACS
- DAGR GPS
- See Through the Wall
- UAV SIGINT Payload
- Tactical SIGINT Payload
- Uncooled B-Kit
- DVE
- Objective Airborne ISR
- Profiler
- ITT

$500M in Projected Contract Opportuniti

Click here to return to Table of Contents